

OREGON

TUALATIN

August 1982 VALLEY

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

Meeting: Wednesday, August 18 at 7:00 pm.....

Coffee-Orange Juice-Cookies at BREAK time.....

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President: Dick Powers WB7ADM
Vice-Pres: Randy Cobb KA7HJT
Secretary: Linda Cereghina N7CZY
Treasurer: Warren Knight N7BIJ

Trustee: Bob Orr KB7CC
Trustee: Mark Walker W7CLU
Trustee: Al Berg WB7SIC
Trustee: Roger Steyaert K7RXV
Trustee: Bill Whiting WA6VPA

CLUB PICNIC AND CAMPOUT-AUG. 20-21-22

Fishing

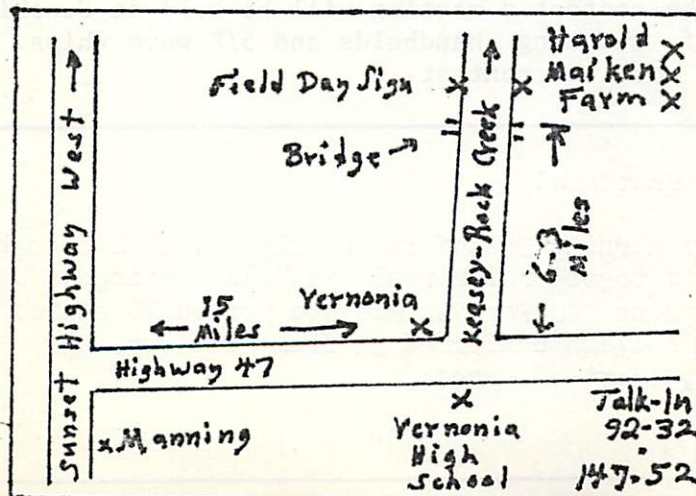
Food

We are having a picnic/campout at our field day site. For those of you who want to camp, the park will be open on Friday evening and will be available for camping through Sunday. The picnic will take place on SATURDAY. Our Social Committee has come up with a whole passle of fun activities for young and old. Get a load of this: A hay hunt for coins, egg toss, volleyball, horseshoes, baloon toss, sack race, a kids fishing derby with prizes AND a handheld, on foot, bunny hunt. All activities will be scheduled so get there early and don't miss anything. You are asked to bring your own utensils and take your own garbage home. The only thing the club is furnishing is the keg (kegs?). Following is how we would like the food handled: Those with last names beginning A thru H please bring a hot dish. I thru N please bring a salad. O thru T a dessert and U thru Z bread, rolls and butter. If you guys would let the spouse read this it would go far in ensuring a good picnic and lots of food. A great number of people have indicated that they will be camping out and this is encouraging. This will be almost like field day but without all the work. Bring the whole family along to camp or for the picnic and lets have a great time together.....

"TALK-IN ON 147.52 SIMPLEX"

The keg will be opened at noon on Saturday. Cups will be furnished by the club!!!!

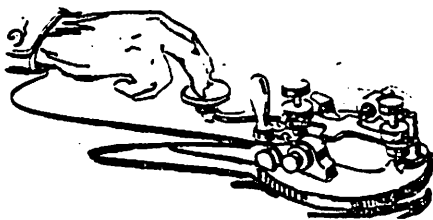
We will be having a chess contest for the heavy type thinkers and also a Bingo game with prizes.....



Sorry but no pets are allowed at the site. If you have no choice, the pet must remain in the car. Also, let us make sure that we clean up a little better than we did at field day. Had a lot of garbage to pick up. Thank you.....

Keg

Fun



MAY RUSTY KEY RESULTS

This was the best Rusty Key yet, with a real surprise finish. Hank WB7TIJ took first place, and Roger K7RXV was runner up. Hank also won the drawing prize from submitted logs. 24 different stations from our club participated. 12 logs were submitted. Final Ranking and scores are: WB7TIJ 40, K7RXV 37, KA7FDT 35, KA7HJT 34, N7CRP 29, WA7CZA 28, N7CME 25, KI7F 25, KA7KDB 15, N7DCQ 13, KA7KDF 11, and KA7KBJ 10.

TWO METER PHONE CONTEST RULES

- *DATE: Thursday, Aug. 19, 1982 *TIME: 8:00 p.m. to 9:00 p.m.
- *FREQUENCY: SSB Near 144.2 MHz, FM 147.42MHz to 147.57MHz.
- *OBJECT: To work as many stations as possible, and in so doing accumulate the highest possible score. To promote the spirit of friendly competition and sportsmanship.
- *ELIGIBILITY: All licensed amateur radio operators holding a Technician Class or higher are eligible as control operators. Novices are encouraged to join in helping at a multi-operator station.
- *EXCHANGE: Call, Name, and Signal Report.
- *MULTI-OP stations are encouraged. One transmitter and one reciever at a time.
- *SCORE is based on total number of different stations worked times the number of multiplier points.

Multiplier Points:	portable, base, or mobile	+1
	multi operator	+1
	multi operator with novice	+1
	handheld*	+1

Maximum possible multiplier = 4

*To qualify for the handheld multiplier, you must use a radio that can be held in ONE hand, including power supply and antenna. Beam antennas (quads and Yagis) or external amplifiers are not allowed if you claim this multiplier.

Example: KA7CTP and N7CRP operate the contest, using an Icom 2AT, and they work 10 different stations during the contest period. Their score is; one multiplier for operating a portable, plus one multiplier for operating multi-op, plus one multiplier for operating a handheld (three multipliers) times 10 contacts. Score 30 points.

*LOGS: Use ARRL or similar Log. Logs are due at the September 15th meeting, or Postmarked no later than September 16, 1982. Mail logs to: O.T.V.A.R.C., P.O. Box 5132, Beaverton, OR, 97006

PRIZES: Fantastic prizes will be awarded to the winner and runner up. We will also hold a special drawing from the submitted logs for a prize.

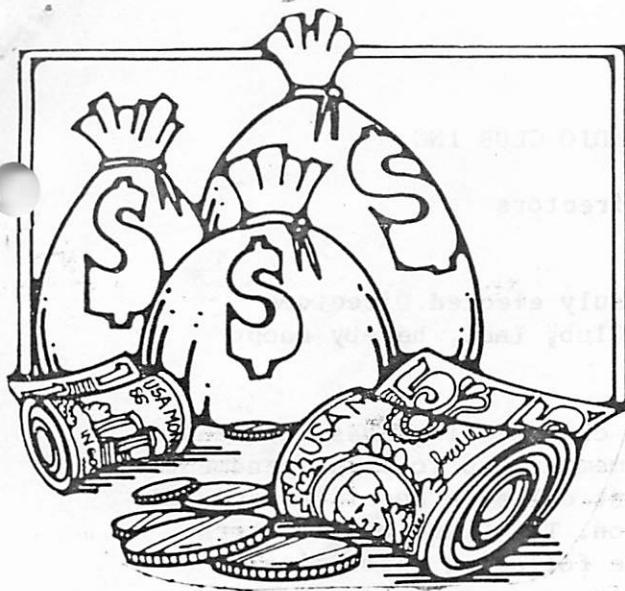
*IMMEDIATELY FOLLOWING the contest a meeting will be held at Sunshine Pizza in Aloha to discuss the virtues of scanning handhelds and 5/8 wave whips. Everyone is invited to attend even if you don't work the contest.

CITY OF ROSES 10-10 International

Our first Sunday morning Breakfast on July 11, 1982 brought together many CTVARC Charters of City of Roses together for real eye ball meetings. We were represented very well in the July 17-18 phone QSO Party. Ole Doc worked 20 states and 10 DX countries. Gary KG7P finally got his 174th confirmed DX from Maldives.

More next issue, short of space.

Doc



PGE SAYS NO!

by DICK WB7ADM

- Yours truly was presented with a rather unexpected surprise during our July meeting, courtesy of Portland General Electric Co. Inc.

It seems that after seven months and two rather recent telephone complaints, (???) they have become aware of our raffle ticket sales and

misc. money transactions while on P.G.E. property. When I signed the agreement for the meeting facility during December of last year, I was well aware of the stipulation that there be no commercial or business transactions on P.G.E. facilities. Too make a long story short, the hierarchy of Portland General Electric Co., in their infinite wisdom, have ruled that our raffle and associated exchange of money is no longer acceptable within the hallowed confines of P.G.E. property!

This leaves us with three interesting options.... Number one, eliminate our raffle ticket sales and collection of dues during regular club meetings. Number two, find a new meeting facility where we can continue our sinful ways, or, number three, find a way to continue the raffle without the exchange of money on P.G.E. grounds.

There are several possibilities that come to mind that we can discuss during this months meeting. In the meantime, I would appreciate any comments or suggestions that you might think of during the next few weeks. Please feel free to call me at my office, Portland #221-6520 or my home, Oregon City 655-6498 at any time.

Unfortunately, for the August meeting, we will have to suspend our raffle ticket sales and dues collection. Your officers know that the raffle has been a very important part of the OTVARC meetings in the past and we would ask your support and indulgence while we attempt to resolve our problem.

- On the back side of this page you will find a copy of the Board of Directors purposal to amend the club Constitution. This purposed amendment was also brought before the club during the July meeting, as well as explained in my article, which appeared in the July issue of OTVARC News. Attached to the page you will find a postage paid, addressed Post Card on which you may cast your vote on this amendment. We would appreciate your returning the card as soon as possible so that we can tally your vote prior to this months meeting.

- Don't miss the details of this months OTVARC picnic which appear elsewhere in this issue. This will be the last big get together prior to back-to-school, so lets all get out and enjoy the fellowship of family and friends. If the turnout is good, we might be able to complete the 2 meter raffle during the picnic!

- See you at the meeting!

'73

Dick WB7ADM

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB INC.

Resolution by Board of Directors

The undersigned, being all of the duly elected Directors of the Oregon Tualatin Valley Amateur Radio Club, Inc., hereby adopt the following resolution:

Whereas, the attendance at regular club meetings has not been meeting the required two thirds of the full membership to pass amendments to the By-laws and Constitution, the President called a special board meeting to submit the following recommendation. The Board of Directors adopted the recommendation in the form of the following resolution:

Now therefore it is resolved that:

Article VII of the CONSTITUTION shall be ammended to read as follows:

This Constitution or the By-laws may be amended by a two-thirds (2/3) vote of the full members present at a regular club meeting. Proposals for amendments shall be submitted in writing at a regular meeting and shall be voted on at the next following regular meeting, provided all members have been notified by mail of the intent to amend the CONSTITUTION and/or BY-LAWS at said meeting.

This resolution shall be submitted to a vote by mail ballot which will be enclosed in the August newsletter, and shall be adopted if two-thirds (2/3) of the full members so approve.

This resolution shall be presented in writing at the July 21, 1982 regular meeting of the club and shall be printed in full in the August 1982 issue of the OTVARC Newsletter.

Resolved, this 26th day of June, 1982.

Al Berg Trustee

Dick Powers President

Bill Whiting Trustee

Randy Cobb Vice President

Warren Knight Treasurer

Linda Cereghino Secretary

Bob Orr Trustee

Roger Steyaert Trustee



EMERGENCY SERVICES

Neil, WA6KLA, had to give up his position as chairman of the committee due to working obligations in Tillamook. Mark, N7CRQ, has offered to take over the duty and let us hope that all the members will

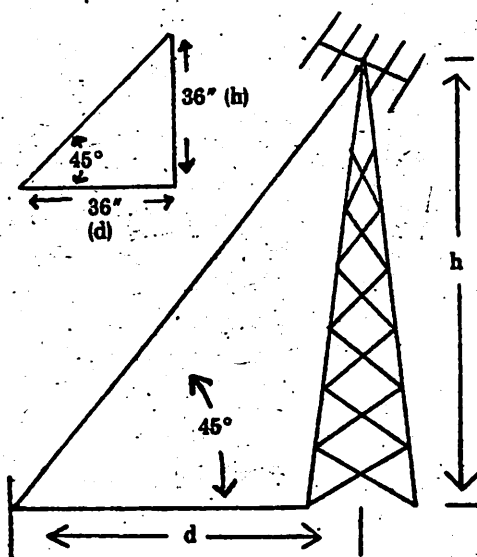
give Mark support when it comes time to get out and go to work for the public. A **BIG** thank you to N7CRQ.....

How to measure antenna/tower height

KA6EMR's question "How high is up?" (Worldradio, June 1982, p. 14) sparked a recollection of how my dad, W5FYI, measured the height of the trees on his new property. All it takes is a yardstick and a sunny day.

Dad waited to measure the trees until the vertically standing yardstick cast a shadow exactly 36 inches long. He immediately marked the end of the trees' shadows, then used the yardstick to measure the length of the shadows. Thus he obtained the heights without resorting to any complicated math.

Hope this helps other amateurs who it to measure tower/antenna heights. **HOLLY "STEW" STEWART, KD5DL**
Midwest City, Oklahoma



When yardstick $h=d$, tower $h=d$

How to save time and money

From time to time, it turns out that the one source for information you want is the ARRL. So you call them at (203) 666-1541 and spend minutes (at your expense) waiting for the operator at their end to locate the proper party. Now there's a way out — the "Yellow Pages" for League Headquarters that gives the proper extension to ask for when you call. Such as:

Awards: DXCC-233; WAC — 288/269; WAS — 238. Beginner & Novice: Technical Questions — 274/214. Book Orders — 233. Contests — 232/252. DXCC (not awards) — 324/206. Insurance (members) — 269/288/241. Licensing: Renewal forms — 248/269; Questions — 243/242. Life membership — 256.

Net Directory: input — 215; orders — 248. Net information — 261/260. General information — 261/260. Repeater directory: input — 215; orders — 233. QSL bureaus-managers — 228. QST address change — 253/257/256. Regulations: routine questions — 243/242/244/240/267. Technical information service — 274/214.

CLUB JACKETS: Call Warren, W7JDT at 644-0752 or see him at a meeting.

CLUB BADGES: A sign-up sheet is available at club meetings as are jacket forms. Badges are \$2.00.

CLUB PRESIDENT, MISSING FUNDS.... SOUGHT BY TEXAS AMATEUR RADIO CLUB.....

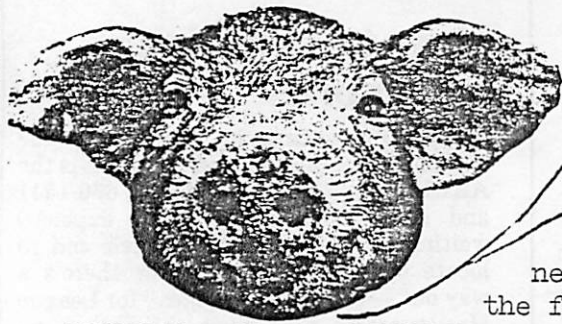
The following letter was received from Jim Chandler, N5COT, Secretary/Treasurer of the Key City Amateur Radio Club.

(Quote) "The Key City Amateur Radio Club of Abilene, Texas, is very interested in finding its former President, one Dale R. Kight (pronounced Kite), WA5RER. It seems that Mr. Kight converted a cashiers check that was meant for a repeater manufacturer to his own account and has since left town. Additionally, several unauthorized withdrawals have been made from the club's account."

"Mr. Kight is a white male, approximately 5'6", 160 pounds, slightly balding brown hair and usually has his eight year old son, Brandon, with him. He is single and was last known to drive an older model, gold colored Olds 88 with Texas plates, WA5RER. While in Abilene, his principle sources of income, other than the club treasury, were AMWAY and painting reflective house numbers on curbs."

"Mr. Kight has a likeable manner, almost always wears suits and can easily con his way into peoples confidence. Clubs and businesses beware. A reward is being offered for information leading to locating and apprehending this person. Those who may have information and may wish to help are urged to contact: Jim Chandler, N5COT; c/o KCARC; P.O. Box #2722; Abilene, Texas 79604."

"Please help pass the word through every means available to help stop this person from ripping off our fellow amateurs and bring him to justice. Warrants are being sought by the club and several others." (End Quote) (W5YI Report)



HOWDY
COUSIN !

NEW MEMBERS

We just keep on growing! It is obvious that a good club in our area has been needed for quite some time. We continue to get new members who are both new and old to ham radio. Would you all welcome, please, the following new members. Don Berger, W7HPI-Don Johnson, W7RFV-Tom Clark, N7DWU-Ben Bunch, N7BQN-Ken Grant, KA7EWY-Debby Burgess, KA7LGY-Paul Lucas, WB6SHR and Vince Slawik, N7CMV. Vince is a paraplegic and was made honorary member at our June meeting. Don't know your situation regarding mobility, Vince, but if you are able at all to make a meeting, we are sure there are a number of members who would like to meet you. Almost forgot! Paul, WB6SHR, has lived in California for quite a long while so I guess we can forgive him for filling out his membership form with an address of Beaverton, California!!! Paul, one thing you will learn very quickly as an OTVARC member is that if you screw up, everyone will know. We have a whole bunch of tattletales!!! WELCOME to all the new people and, as we say each month, feel free to get involved in any way you wish. We need active members.....
LAST MINUTE ADD-ON: Welcome to Bob Kempter-WA7WJA

REMINDERS FOR THE OLD-INFO FOR THE NEW

1% REBATE: When purchasing any items from Portland Radio, please show your rebate card so we can get our club credited the 1% rebate. Also, if you are buying anything from Antronics, tell Stan that you are an OTVARC member so that your purchase may be recorded to give us a 1% rebate. You may be interested to know that this type of co-operation from our local dealers will add up to around \$700.00 per year. That buys a whole lot of raffle goodies for you to take your chances on. REMEMBER!!!! While we are it, a big thanks to both Joe and Stan for being so kind as to offer us this boon to the club. We might also mention that PRS is making our raffle goodies available at a very reasonable cost. As our ad page mentions, VISIT YOUR LOCAL RADIO STORE!!!!

D S T

Want to get your CW speed up? Want to have some fun on CW with fellow members? I got a call from John, WA7CZA, the other evening and he told me that some of the guys are starting a weekly code session. If you would like to find out who these 'guys' are, tune in your HF rig on a TUESDAY evening at 9:00 pm on 7.145 for the slow CW operators or on THURSDAY evening at 9:00 pm on 7.055 for some higher speed chit-chat. This is not a lesson type of operation but a rag chewing fun type of way to get to know each other better and increase your CW ability at the same time. Give it a whirl and be sure to let your editor know how it works out. I will try to let everyone know how this works out and who is participating. Come on you Techs! Get in there and have some fun. A few of the 'upper crust' might enjoy this also.... Read somewhere that exercising the joints prevents arthritis. (body joints) Could be true as I have never seen an older concert pianist suffering from knobby knuckles. LET YOUR FINGERS DO THE TALKING. CW on Tues. & Thurs.. CU there???

PLEASE RETURN THE ATTACHED POSTCARD AS SOON AS POSSIBLE. WE NEED A QUORUM TO GET OUR PAPERS IN WORKABLE ORDER. AGAIN, PLEASE MAIL YOUR VOTE IN ASAP. LETS KEEP OUR CLUB ALIVE AND HEALTHY.

THANK YOU FOR YOUR CONSIDERATION AND TIME



Del Wright-W7ISP #173 General class

Del is seen running Atlas gear and has been known to occasionally turn on the Heath linear. A Windom antenna is his 80m voice and for 10 thru 40 he uses a vertical. A 40' tower supports a 2 element quad for the serious DX work. Del just retired from the insurance business. Wifes name is Dickie.



Jerry Norman-N7ACO #121 General

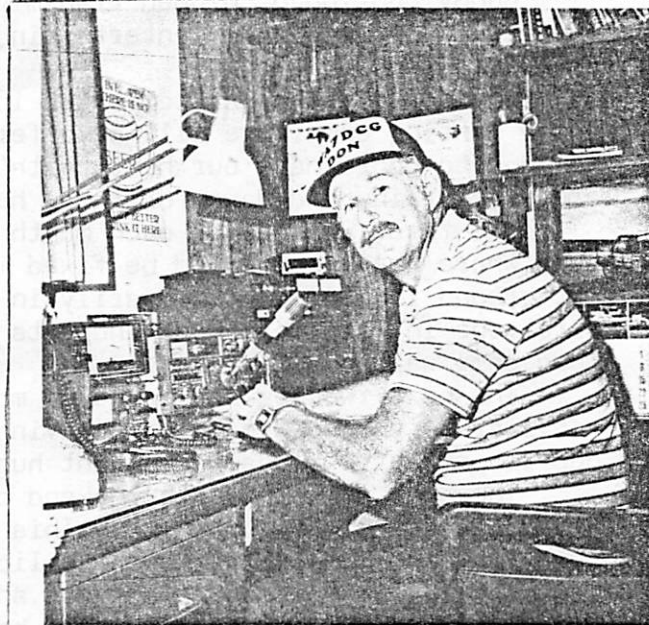
Jerry uses a Kenwood TS 130 for some very high speed CW work. Antenna is a 4 BTV vertical and he works 2m mobile. His favorite band is 40m and he works CW almost exclusively. Jerry is a building contractor in his spare time. He is married and has two children. Wifes name is Kathy.

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Carter Harrison-WB7WHO #35 General

Carter uses an Atlas rig and uses a computer for some of his hamming. He lives in a restricted area so has to use invisible antennas. He works as an engineer over in Sellwood and is a past secretary for the club. Carter is married and has two children. Wifes name is Connie.



Don Brown-WA7DCG #79 General

Obviously, Don is using Kenwood gear for SSB. It looks like he has a Heath amp and Dentron tuner. He does have a nice tower and beam set-up and runs 2m mobile while driving for the Payless Co.. Don is married and says he is not sure how many kids he has. His wifes name is Marty and she has a dress shop in Aloha.

STANDARDIZATION OF POWER CONNECTORS

As you know, there are a lot of equipment makers nowadays and as with any gear that requires or uses external power, you will find various styles of power connectors attached to them. This is all well and good until you need more of them. With new rigs it is often the case that spare parts are not yet available. To help solve this problem, as well as be an aid in support of emergency services, a number of local clubs are in the process of standardizing on power connectors for 12 VDC units. The connectors are made by Andersen Power Products and are rated to 30 amps at 12 VDC. This is adequate even for all of the new solid state rigs. Most of which use 20 amps. To help in our standardization of these connectors, Antronics of Oregon has offered to be our supplier. Stan, W7NI, has gone so far as to make them available at cost!!! He feels as I do that this is a good idea to get behind. So far, I have sold, personally, over 1000 pairs of these connectors. Get on the wagon and join us in this important standardization effort. Thank you. Wes, K7WWG.....



BUNNY HUNT SCHEDULE

Sat.-Aug. 14-Beaverton.	Intermediate level.
Sun.-Aug. 22-Vancouver.	Intermediate level.
Sat.-Aug. 28-Beaverton.	Beginners level.
Sat.-Sept. 4-Beaverton.	Advanced level.
Sun.-Sept. 12-Vancouver.	Intermediate level.
Sat.-Sept. 18-Beaverton.	Intermediate level.
Sun.-Sept. 26-Vancouver.	Beginner level.

Bunny Hunting or hidden transmitter hunting can be challenging, sporting, educational, surprising, entertaining, social, fattening, misleading, exciting, and just plain fun.

To increase the participation in this fun and important activity your bunny hunting committee will be offering 3 skill levels of hunts every month. We hope to coordinate our hunts with the Vancouver club giving us alternate areas, terrain, and days for these hunts.

The first weekend of each month will see an advanced - super-challenging hunt where the bunny could be fixed in a park, a mall, or other public place (at ground level) not necessarily in a vehicle, and possibly in disguise. The first one in wins this hunt and gets to hide the next month. Hunters might need some walking gear.

The next two weekends of each month will see intermediate level hunts similar to those we have been having, where the bunny is in or near his car on public property. These are point hunts scored on both miles and time.

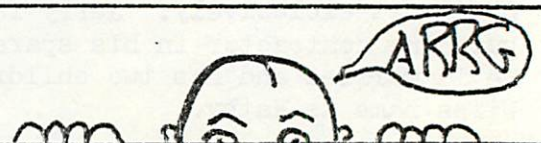
The hunt on the fourth weekend of each month will be for everyone, including all of us who haven't won yet. This will be a beginning level hunt with the bunny in his car, the car on a public road, maps available at the starting line and a signal strong enough so that any kind of hunting equipment can be used.

Why have all this fun? Well, besides the fun and social aspects, this skill can be used to save lives, find downed airplanes, and locate interfering signal sources.

The bunny hunt committee invites all of you to come join us and hunt a bunny (who knows, you might even see an Otvarc along the way).

M, M, & D

One of life's disappointments is discovering that the man who writes the advertising for the bank is not the same guy that makes the loans.





FOR SALE OR TRADE

For sale: Cushcraft 19 element Boomer for 2m. Price is a low \$65.00.

For trade: Kenwood TS 130S with CW filter, mobile bracket and manual. Will trade for Ten-Tec Delta or Omni.

Call Jerry Norman, N7AC0, at 645-8656

VISIT YOUR LOCAL RADIO STORE

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73 from Dick



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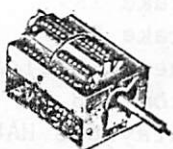
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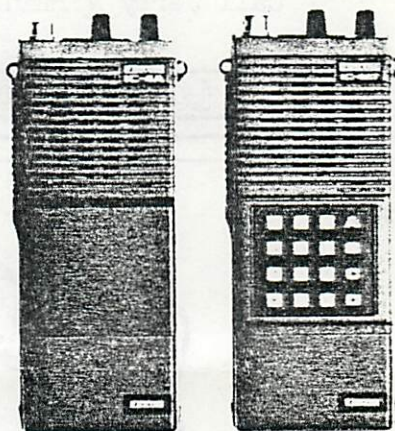


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IC-4A AND IC-4AT SPECIFICATIONS



The IC-4AT series is ICOM's 440 MHz handheld transceiver, featuring 5 KHz tuning, lower high power, simplex or duplex operation on + 5 MHz. The IC-4AT covers the entire 440 band, from 440 MHz to 449.995.

Accessories for the IC-4AT, as for the IC-3A/3AT, IC-2A/2AT are compatible.

The IC-4AT, additionally, has a 16 button Touchtone® pad for control of repeater or remote base operations.

Featuring 1½ watt high and .15 watts low power and .25 microvolt receiver sensitivity, the IC-4AT is truly an outstanding performer at a reasonable price for operation on 440 MHz.

The IC-4A is identical to the IC-4AT, except without the Touchtone® pad.

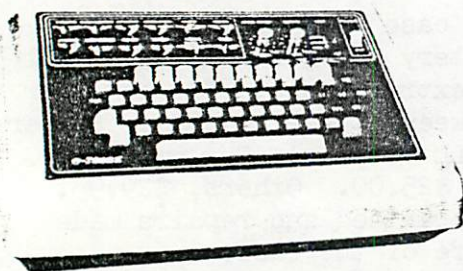
Each unit comes complete with BP3 Battery Pack, AC Wall Charger, Belt Clip and Flexible Antenna.

Limited to stock on handBetter hurry!!.....

Used Equipment Specials

Make & Model	Regularly	Special	Make & Model	Regularly	Special
Yaesu 101E	\$449.00	\$399.00	Yaesu 101E	\$495.00	\$449.00
Swan 500C	349.00	299.00	Drake TR7	1295.00	895.00
Drake MN2000	225.00	189.95	Drake R4C	349.95	299.95
Clegg FM-88	279.95	229.95	Yaesu FT221 All mode	349.95	329.95
Icom IC21-2M Base	149.95	119.95	Icom 22S	149.95	99.95
Sears Yaesu-2M	139.95	119.95	Lafayette HA800B Rcvr		49.95
Hallicrafters HT32 Transmitter		49.95			

SAVE \$295 DRAKE Theta 7000E Communications Terminal



Theta 7000E Complete, automatic send/receive of Morse code CW, Baudot code (RTTY) and ASCII code (RTTY). Video monitor for display is required.
Reg. \$1095 - Sale Price \$799⁹⁵

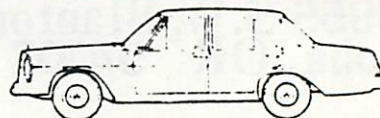
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FEDERAL JUDGE RULES ANTENNA HEIGHT LIES IN THE FEDERAL DOMAIN.....

Are municipal zoning ordinances that affect amateur radio antenna installations legal? There is a definite question about that! On June 25th, U. S. District Judge David L. Russell for the Western District of Oklahoma ruled that amateur radio antenna heights lie within federal jurisdiction. He dismissed a motion by the Oklahoma City Attorney that claimed federal courts had no authority in the matter. This is a major decision for the amateur community and could result in a landmark precedent setting decision! It all started when N5SW, Charles M. ("Chuck") Guschke, of Oklahoma City installed a 78 foot high antenna even though normal height limitations for residential property are 35 feet. The tower itself is self-supporting, unguyed and according to the manufacturer (Utility Tower, a local firm) has a wind survival rate in excess of 100 MPH.

Initial efforts in fighting the ordinance were aimed at obtaining a variance but the Board of Adjustment bowed to "intense neighborhood interest." An appeal procedure is specified by the Oklahoma Statutes to the local state district court, but since this would have been essentially a review of the Board's decision, it was decided to fight the ruling via a federal court suit..... particularly in light of the George E. Oelkers, (W6QOL/Placentia, California) case. The Oelkers decision held unconstitutional ordinances violating an amateur radio operator's right to freedom of speech.

A federal suit was instituted in the United States District Court for the Western District of Oklahoma on June 11, 1981. A temporary agreement was reached between Chuck (N5SW) and the Oklahoma City attorney allowing the antenna installation at its present height during the litigation in federal court. Guschke's attorney, Mike Salem N5MS, filed a brief with the Court on March 30. The ARRL also prepared a "friend of the court" brief on Chuck's behalf during May of this year detailing, among other things that "radio transmissions, equipment and operation has been recognized by the U. S. Supreme Court to lie in the federal domain." The League said that a ruling was needed by the Court "to place municipal and zoning officials on notice that a compelling state interest must be shown before individual rights may be restricted. The Supreme Court has declared that a municipality may not infringe upon an individual's rights under the guise of zoning."

The federal court order said "Plaintiff (Chuck Guschke/N5SW) alleges that the zoning ordinances in question are unconstitutional because they deprive him of his constitutionally guaranteed right of free speech or have a chilling effect on that right, are vague, overbroad and vest unlimited discretion in administrative officials; deny him Equal Protection of the laws in that they are selectively enforced; are preempted by exclusive federal regulation of amateur broadcasting; deprive Plaintiff of liberty and property without due process of law; are invalid as an exercise of state police power; are a burden on interstate commerce; and violate Plaintiff's right of privacy. Plaintiff also alleges the ordinances constitute a taking of Plaintiff's property without just compensation in violation of the Constitution of the State of Oklahoma. The facts pleaded by Plaintiff show he has erected an antenna under a federally granted license and that he has been cited by the Defendant city for violation of the ordinances in question which restrict the height of said antenna. Plaintiff alleges that a height in excess of the limit set by the city is necessary to the operation of his radio. Plaintiff alleges he has been denied a variance from the ordinances solely on the basis of aesthetics."

The Order issued by Judge Russell on June 24th specifically referred to the ARRL brief and said "This Court does not doubt that Defendant (Oklahoma City) may confine commercial radio operation to restricted areas. However, amateur radio operation is usually incidental to residential property use. If as Plaintiff (Chuck Guschke/N5SW) asserts, an antenna height in excess of the maximum allowed by Defendant is necessary for the federally licensed use, then Plaintiff's rights and the federal law may be in direct conflict with municipal powers..... The Court finds that Plaintiff's complaint states a substantial federal question of the application of the Communications Act of 1934.... (and) is satisfied that Plaintiff has stated a claim upon which relief can be granted if questions of fact and law are eventually resolved in Plaintiff's favor."

The bottom line of all of this is that Guschke (N5SW) and his attorney, Mike Salem (N5MS) have established that this case deals with a federal question - rather than a municipal one. Amateur antenna heights have never been legally viewed as such before. Mike Salem said "....the Court's decision means that we are entitled to proceed to a trial on the merits of our allegation." The Order will be useful to other amateurs seeking to litigate antenna height restrictions in Federal Court. The trial on the merits will encompass the reasonableness of the city's ordinance, the necessity of height in the proper operation of an amateur radio station, and supremacy of federal regulations over state law."

"To that end," Mike commented, "it would be useful for me to have input from the amateur community regarding these factors and perhaps to have technically qualified witnesses who might be willing to testify for expenses regarding these issues." Witnesses who could relate instances of international good will that have occurred as a result of amateur radio as well as emergency communications during time of disaster would also be useful. I am interested in any input from amateurs regarding this case in general." You can contact Mike Salem, N5MS, at: Rawdon & Salem; Attorneys & Counselors at Law; Suite #112 - West Oaks Office Park; 2215 W. Lindsey; Norman, Oklahoma 73069 (Telephone 405-360-1302.)



UPSYGRADES

Only have three this month, at least as far as information goes. Congrats to John Koenig, N7CRP for going from Tech to Advanced. Also to Jim Miller, N7CZH for going from General to Advanced. Jim has a new call of KC7WZ. Last but not the least, Randy Sorenson, N7DJE went from Tech to Advanced. A big round of applause to you all. By the way, whats wrong with being a General??

WASHINGTON SQUARE: If the mall is planning on an emergency services type show this fall, we will be in it! The Emergency/Public Service Committee has agreed to carry the responsibility. We had it all set last year but the club showed no support so we dropped the idea. By the way, a CB group set up and operated!! You will hear more on this as soon as it is confirmed that they are having the show.

What's New At ANTRONICS OF OREGON INC.?

OUR STORE HOURS:

Monday 6pm-10pm (same)
Wednesday Closed (new)
Friday 6pm-10pm (new)
Saturday 10am-6pm (same)

OUR LOCATION:

18955 S.W. Blanton
Aloha, Oregon 97007

OUR PHONE NUMBER:

Stan, W7NI and his XYL, Pat.

503-642-7373



NEWS

BULLETIN

(editors note)

Colleen was our sightless novice station op at FD. Randy, KA7HJT, got her going last fall with our ham classes.

Dear Friends,

Words can never express my gratitude to each and every one of you that helped me to become a 'Ham' operator. So many of you have given me sooo much. I hope that I will always be worthy of the time, money and effort that you have spent in guiding me.

My speed is increasing every day, my number of QSL cards is growing and the fun that I am having is unbelievable. This has opened up a whole new world to me, thanks to all of you.

Thank you again and again.

Colleen Utter
KA7MDC

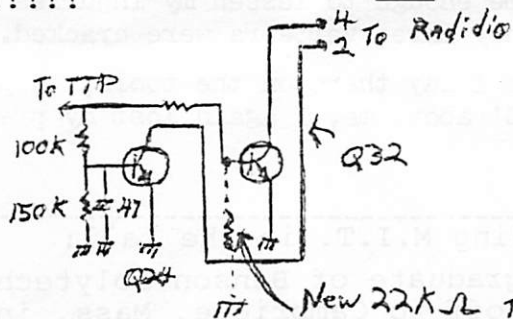
ATTENTION ICOM IC-2AT USERS:

For those of you who use the touch tone pad heavily, you may be getting pretty annoyed at the gross squelch-like tone that comes out of your transceiver when the radio automatically switches back to receive. (This can really get out of hand if you are an A.R.R.G. member and have to go through 2.3×10^{26} codes just to call the wife!!!!!!) There is an easy modification that can be done to the radio to eliminate the noise. The mod has been tested and is even used in the newer Icom handhelds, such as the 3AT and 4AT (for those rich people in the crowd).

The modification consists of one resistor to change the bias of one little transistor. On the Touch Tone Pad portion of the schematic, find Q32. The addition of a $22K\Omega$ resistor from the base to Q32 to ground will eliminate the problem.

If you are interested in making the modification, the best place to put the resistor is on the foil side of the front board. The base of Q32 is a small foil pad on the back, spaced about one resistors length from the 4 pin connector to the TTP. The pin marked "E" is a good ground and is conveniently spaced for putting a $1/8$ or $1/4W$ resistor. Use a small amount of solder to avoid any solder bridges. Acid-core solder is not a good idea for those of you who still use it!!!!!!

Look for This
ON YOUR
Schematic.



New $22K\Omega$ to eliminate weird noise

If you have any questions about the modification or you want to know how to take the radio apart, call KA7EXM (Roger) on 147.32, 146.64, or 448.875 on the weekdays (9 to 5).

Also, if you want the modification done to your radio but are too scared to tear into the box, I will do it for you! A donation (minimum \$5 please) to the OTVARC emergency trailer fund is all it will take to get the modification done to your radio. (If you want it done while-you-wait at the next meeting, call me by Monday, August 19 at 646-2754.

KA7EXM

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COULD THIS BE YOU?

(a report to my insurance company)

I am writing in response to your request for additional information. In block #3 of the accident reporting form, I put, quote, poor planning, unquote, as the cause of my accident. You said in your letter that I should explain more fully and, I trust, that the following details will be sufficient.

I am an amateur radio operator and on the day of the accident I was working alone on the top section of my 80 foot antenna tower. When I had completed my work I discovered that I had, over the course of several trips up the tower, brought up about 300# of tools and spare hardware. Rather than carry the now unneeded tools and material down by hand, I decided to lower the items in a small barrel by using a pulley which, fortunately, was attached to the gin pole at the top of the tower.

Securing the rope at ground level, I went to the top of the tower and loaded the tools and materials into the barrel. Then I went back to the ground and untied the rope, holding it tightly to insure a slow descent of the 300# of tools. You will note in block #11 of the accident report form that I weigh 155#.

Due to my surprise of being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rather rapid rate up the side of the tower.

In the vicinity of the 40' level, I met the barrel coming down. This explains my fractured skull and broken collarbone.

Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

Fortunately, by this time I had regained my presence of mind and was able to hold tightly to the rope in spite of my pain.

At approximately the same time, however, the barrel of tools hit the ground and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighed approximately 20#.

I refer you again to my weight in block #11. As you might imagine, I began a rapid descent down the side of the tower.

In the vicinity of the 40' level, I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body.

The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of tools and, fortunately, only three vertebra were cracked.

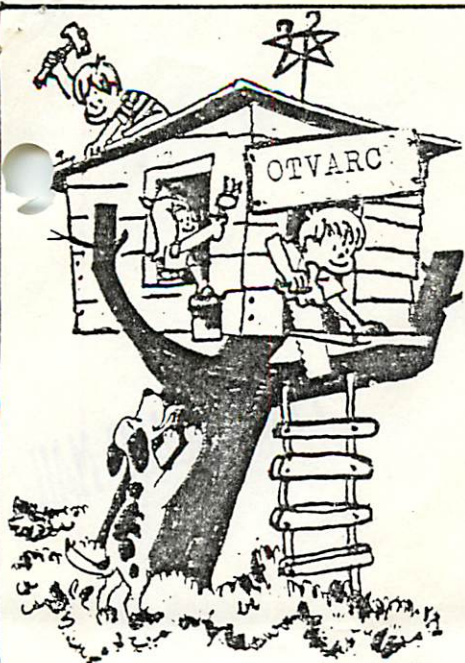
I am sorry to report, however, that as I lay there on the tools, in pain, unable to stand and watching the empty barrel 80' above me, I again lost my presence of mind.

I let go of the rope.....

Fujinaka attending M.I.T. in the fall:

Todd, WB7TKY, a recent graduate of Benson Polytechnic High School in Portland, will be off to Cambridge, Mass. in late August. His major at this time is undecided, but whatever it will be, OTVARC wishes him luck at the United States top engineering school!

Todd has been keeping busy in the past few years. He is president of two Explorer Posts, a member in four scouting organizations, and he received his Eagle Scout last June. Todd currently holds an Advanced class license, is Emergency Coordinator for Multnomah County, and is the control operator of The Post 770 Repeater. WOW!!! It's a wonder that he has time to attend OTVARC meetings with all that going on!!! Best luck in the fall Todd!!!!!!!



PROGRAM--PROGRAM--PROGRAM

Just about every program that has been given by a club member has been a room-filler and very few have been anything short of outstanding. We are very fortunate this month to have John Beaston, N6TY, as our guest speaker for our August meeting. John gave us a seminar at the convention in Seaside and it was a great success. What does John have to tell us? He is very heavily into a thing called Packet Radio and if you wonder what it is all about, best get to the meeting and find out! I copy from the Oregon State Convention brochure as to what John will be covering: John Beaston, N6TY, has a strong background in microprocessor based data communications. He was involved in the early work on m/p based RTTY stations and has had some articles published on m/p based amateur radio equipment. John will discuss the potential of packet radio and what an amateur needs to get started in this new field....

John is not going to cover, verbatim, what he gave at the convention as he has come up with a great deal of new information. Let's give John the audience that he deserves. This should turn out to be one of our best programs of the year!!!!

----- LAST MINUTE 'For Sale'

IC 255A 2mtr XCVR with Hm-8 encoder mic. \$275.00. Dennis, N7CME at 620-2027....

----- THE BIG-----RAFFLE

We are going to give away the ICOM 290 at the August meeting. Many of you have parted with a few bucks to get a chance on this jewel of a 2m rig and if you have not been so lucky to get your ticket in the pot, this is your last chance. The rig is made available from PORTLAND RADIO and has a retail of over \$500.00.. Some very lucky person is going to go home with a grin so wide that chap-stick will be needed. I hope it is YOU!!!!!! Spend a couple of bucks-the odds are GOOD...

SUPER GLUE: The title should maybe read 'super extra'. Seems as though KC7U put together a beam for a bunny hunt and of course waited till the nite before the hunt to do it. Being pressed for time, he had to improvise and ended up using SUPER GLUE to do the job. Now if this were 11m we would consider laying a handle on Mike. He just might end up getting the title of Super Glue anyway. During the hunt, Mike got so close to a tree that the beam got all tangled up in limbs and guess what?- it held together!!! Just goes to show how smart some of these extra class hams are. Just like the guy who fastened the end of a 40m dipole to an 11m Ringo Ranger when no trees were available. Pretty darn clever, I think....

OUT OF GAS: Dave, W7LJN, is at it again this month. He ran out of gas two days in a row. Both times going from Hillsboro to Tigard. It is incredible that one person could have so many problems. Didn't even tell you about how he fell in the creek two times in the SAME day. He said he was fishing. I wonder if fish can laugh?

A NEW DISCOVERY: It was recently discovered that the earths crust is 73 miles in thickness. This revelation was confirmed by an unknown golfer...

A NEW USE: A new use for Q-TIPS has been uncovered. Put one up each nostril and you will sound just like Rich Little doing W.C. Fields...

THANK YOU IN ADVANCE FOR WADING THROUGH THIS MESS!!! As mentioned, PLEASE mail the postcard ASAP. We have really been stymied by our By-Laws. CU at the meeting.....

EDITOR: AL BERG---WB7SIC

COPY: DENNIS BOYD---KC7EE

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